

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

Date: 13.07.08 Job No.: RD4397A ADR Yes/No: Y ADR Date: 13.07.08 ECN #: 13- 588  
 Product No.: D139-816 Created By: RF Approved By: *[Signature]*  
 Product Name: Utility Interior Kit Checked By: *[Signature]*

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF	
Production Manager / Coord.	Y	LL/MF	
Purchasing Coord.	N	CL	
Production Engineering Coord.	Y	DD	
Production Engineering Coord.	Y	JLM	
Customer Order Processing	N	RM/CA	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS	
QC Coordinator	Y	ED	
Customer Support	Y	SW/LM	
Customer Technical Support	Y	MB/HS	
Marketing	Y	HM	
Sales Support Manager	Y	NM	

Reason for Change: Revise IIN/ICA and D-parts drawings per input from ERA first issue panels.

### Documents Affected:

IIN-D139-816 Rev. C ICA-D139-816 Rev. 2 MDL-139-816 Rev. D  
 D4634 Rev. C D4635 Rev. C D4636 Rev. C  
 D4647 Rev. B D4664 Rev. C D4694 Rev B  
 D4712 Rev. B

PAPERWORK UPDATE ☒

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N	RF		
5	Update Master Document List (MDL)	Y	RF	MDL-D139-816 Rev. D	13.07.03
6	Update Product Compatibility Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		13.07.15
11	Update Product Specification Files	Y	KJ		13.07.15
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		13.07.15
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		13.07.15
17	Update / Verify ARC Database	Y	KJ		13.07.15
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D139-816-011 at CHG 002	13.07.15
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	N			
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		13.07.15
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		13.07.15
24	Manufacturing Licensing Agreement Update	N			

### Description / Action:

- Update/Create BOM/routing per above drawing updates
- Update D4636-3F/-5/-7 Rev. C dxf, D4647-3F/-5F/-7F Rev. B, D4694-1F Rev. B, D4712-1F/-3F files per above drawings, If hasn't already been done.
- Scrap following parts D4636-041/-043/-5/-7 made per Rev. B; D4647-3 made per Rev. A; D4664-7 made per Rev. B; D4712-041/-043/-1/-3/-5 made per Rev. A
- D4694-1 made from Rev. A if any in stock can be use only for D4694-043/-045/-047, until D4694-1 Rev. A run out
- D4694-041 need to be make from Rev. B using D4694-1 Rev. B
- D139-816-011 now at CHG 002

*all mto's issued*

*u*

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

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Product Name: Utility Interior Kit		Checked By: [Signature]		

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Production Engineering Coord.	Y	DD	
Production Engineering Coord.	Y	JLM	
Customer Order Processing	N	RM/CA	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS	
QC Coordinator	Y	ED	
Customer Support	Y	SW/LM	
Customer Technical Support	Y	MB/HS	
Marketing	Y	HM	
Sales Support Manager	Y	NM	

**Reason for Change:** Revise IIN/ICA and D-parts drawings per input from ERA first issue panels.

**Documents Affected:**

IIN-D139-816 Rev. C	ICA-D139-816 Rev. 2	MDL-139-816 Rev. D
D4634 Rev. C	D4635 Rev. C	D4636 Rev. C
D4647 Rev. B	D4664 Rev. C	D4694 Rev B
D4712 Rev. B		

**PAPERWORK UPDATE** ☒ **PARTS MUST COMPLY** ☒ **PREVIOUS PARTS SATISFACTORY** ☐

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1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N	RF		
5	Update Master Document List (MDL)	Y	RF	MDL-D139-816 Rev. D	13.07.03
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		13.07.15
11	Update Product Specification Files	Y	KJ		13.07.15
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		13.07.15
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		13.07.15
17	Update / Verify ARC Database	Y	KJ		13.07.15
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D139-816-011 at CHG 002	13.07.15
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	N			
21	Update Document Control Database / Laminated Dwgs	N	RF		
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		13.07.15
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		13.07.15
24	Manufacturing Licensing Agreement Update	N			

**Description / Action:**

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- D4694-1 made from Rev. A if any in stock can be use only for D4694-043/-045/-047, until D4694-1 Rev. A run out
- D4694-041 need to be make from Rev. B using D4694-1 Rev. B - New old
- D139-816-011 now at CHG 002

102024-102033 scrap w/0's

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

# List Lots

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Criteria : Item ID: 'D4712-041', 'D4712-043', 'D4712-1', 'D4712-5' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
D4712-041 Bracket Assembly	Main Warehouse MF	93105	4/09/13	2.0000		QC21	
			<b>Total:</b>	2.0000			
D4712-043 Bracket Assembly	Main Warehouse MF	93106	6/25/13	1.0000		QC21	
			<b>Total:</b>	1.0000			
D4712-1 Bracket	Main Warehouse ST117	104795	9/10/13	2.0000		QC21	
			<b>Total:</b>	2.0000			
D4712-5 Dzus Bracket	Main Warehouse ST115	93110	2/19/13	3.0000		QC21	
	Main Warehouse ST115	94433	3/11/13	11.0000		QC21	
			<b>Total:</b>	14.0000			

D4712-3 x 2

D4712

D4712-041  
043  
045

Bu635-041  
042  
043  
044

# List Lots

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Criteria : Item ID: 'D4647-1', 'D4647-3', 'D4647-5', 'D4647-7', 'D4647-8' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
D4647-1 Doubler	Main Warehouse ST117	104796	8/23/13	6.0000		QC21	
	Main Warehouse ST117	95871	8/23/13	4.0000		QC21	
		<b>Total:</b>		10.0000			
D4647-3 Doubler	Main Warehouse ST117	104791	9/10/13	2.0000		QC21	
	Main Warehouse ST117	92970	7/31/13	9.0000		QC21	
		<b>Total:</b>		11.0000			
D4647-5 Doubler	Main Warehouse ST120	104792	9/10/13	1.0000		QC21	
		<b>Total:</b>		1.0000			
D4647-7 Doubler	Main Warehouse ST117	104797	9/10/13	4.0000		QC21	
		<b>Total:</b>		4.0000			
D4647-8 Doubler	Main Warehouse ST117	104798	9/10/13	4.0000		QC21	
		<b>Total:</b>		4.0000			

✓ D4647-7

# List Lots

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Criteria : Item ID: 'D4636-041', 'D4636-043', 'D4636-11', 'D4636-5', 'D4636-7', 'D4636-9' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
✓ D4636-041 Dzus Bracket Assembly	Main Warehouse ST117	92959	5/30/13	49.0000	QC21		
			<b>Total:</b>	49.0000			
✓ D4636-043 Receptacle Bracket Assembly	Main Warehouse ST116	103327	6/27/13	3.0000			
	Main Warehouse ST116	92960	6/27/13	28.0000	QC21		
			<b>Total:</b>	31.0000			
D4636-11 Bracket	Main Warehouse ST116	92961	4/10/13	12.0000	QC21		
			<b>Total:</b>	12.0000			
✓ D4636-5 Bracket	Main Warehouse ST116	104790	9/10/13	2.0000	QC21		
	Main Warehouse ST116	92962	8/12/13	21.0000	QC21		
			<b>Total:</b>	23.0000			
✓ D4636-7 Retainer Plate	Main Warehouse ST116	92963	6/26/13	6.0000	QC21		
			<b>Total:</b>	6.0000			
D4636-9 Template	Main Warehouse ST116	92964	4/26/13	7.0000	QC21		
			<b>Total:</b>	7.0000			